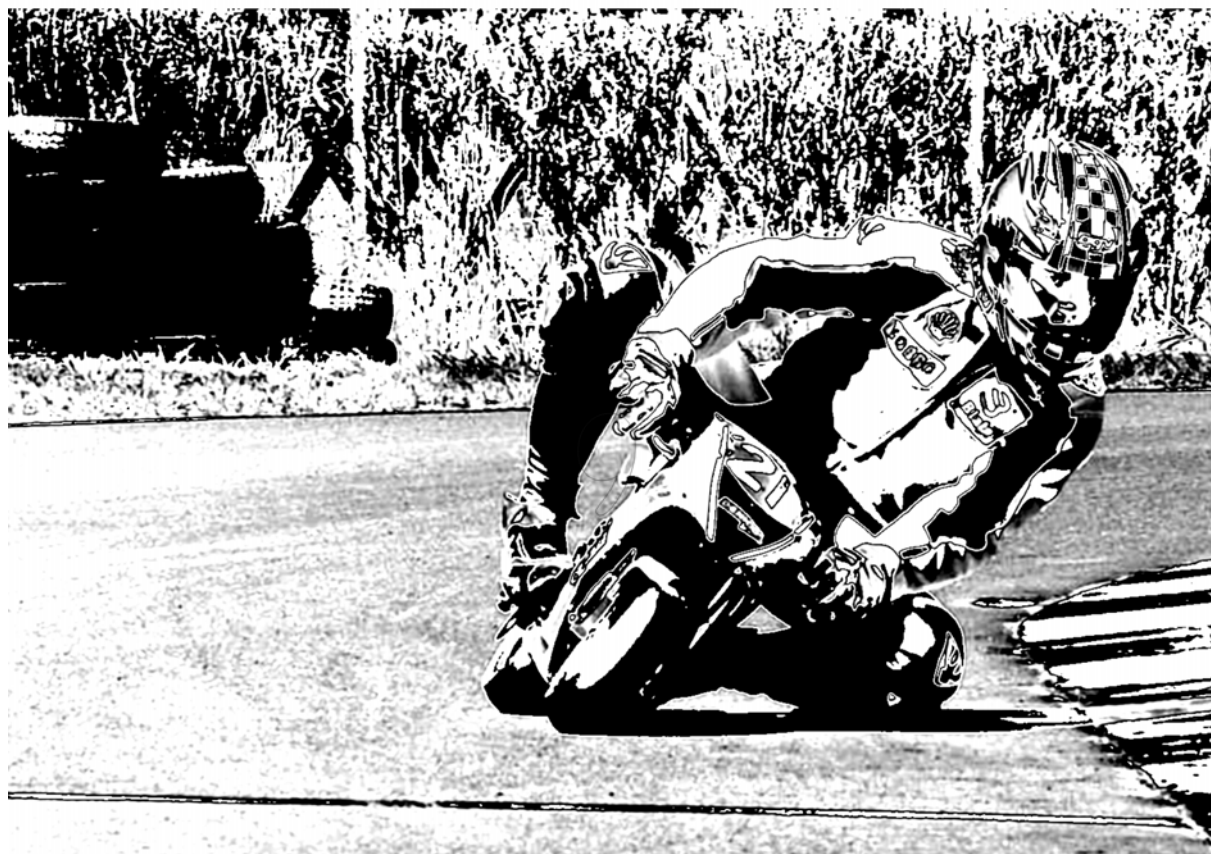


# ***MINIBIKE***

## Elite 14 - 4,2



  
**Blata**

CE



## EC Declaration Of Conformity

**Manufacturer:** Blata, s r.o.  
**Address:** Prazska 9  
678 01, Blansko  
Czech Republic

**Product:** Minibike  
**Model:** Elite 14  
**Derived types:** Elite 14 - WRS  
Elite 14 - WR  
Elite 14 - R  
Elite 14 - JRacing  
Elite 14 - 4,2

The undersigned hereby declares, on behalf of BLATA s.r.o., that the above-referenced product, to which this declaration relates, is in conformity with the provisions of:

Council Directive 98/37/EC of 22 June 1998 on the approximation of the laws of the Member States relating to machinery and its amending directives

Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of the Member States relating to Electromagnetic Compatibility (EMC) and its amending directives

and that the product has been designed to comply with the relevant sections of the below referenced specifications:

ČSN EN ISO 12100-1:2004 (EN ISO 12100-1:2003)  
ČSN EN ISO 12100-2:2004 (EN ISO 12100-2:2003)  
ČSN EN 294:1993 (EN 294:1992)  
ČSN EN 811:1998 (EN 811:1996)  
ČSN EN 953:1998 (EN 953:1997)  
ČSN EN 563:1996 including amendment A1:2000 (EN 563:1994)  
ČSN EN 1050:2001 (EN 1050:1996)  
ČSN EN 55 012:2002  
ČSN EN ISO 3744:1995  
ČSN EN ISO 11202:1997

BLANSKO - 1-04-2006



Pavel Blata  
Managing Director

Noise emitted by machinery and equipment (Minibike BLATA ELITE 14) - Measurement of emission sound pressure levels at a work station and at other specified positions. Levels measured by authorized person (TUV CZ s.r.o.). Test record (no. : 814/90/06/BT/IZ/H) is deposited with producer.

RPM	Average level of the acoustic pressure A at a work station (ČSN EN ISO 11202)	Total average level of the acoustic power (ČSN EN ISO 3744)
2600 rpm (idling speed)	$L_{Aeq} = 82,8 \text{ dB}$	$L_{WA} [\text{dB (A)}] = 87,2 \text{ dB}$
11 000 rpm	$L_{Aeq} = 106,8 \text{ dB}$	$L_{WA} [\text{dB (A)}] = 112,9 \text{ dB}$



## **SAFETY WARNING**

*Always pay attention to the instructions and safety warnings below*

This manual contains important safety information and instructions which should be read carefully before operating the vehicle. For your own safety and the safety of others follow these rules.

Neither manufacturer nor distributor is responsible for injuries caused by unsafe and improper use of the vehicle.



**This vehicle is not allowed to be used on public roads!**



Unsafe and careless use of the vehicle can result in serious injuries. The driver can minimize the potential risks by wearing safety equipment. The driver must wear a safety helmet, goggles, gloves, elbow pads, kneepads, and firm footwear. Avoid rough surfaces and obstacles. Always drive with both hands on the handlebars.



Always inspect the bike before each ride (refer to the article 'INSPECTION AND MAINTENANCE'). Failure to inspect and maintain your bike properly increases the risk of an accident or damage to the vehicle.



Fuel and fuel vapour are highly toxic and flammable. Always be careful when handling fuel – it can burn or poison you.

- stop the engine and turn off the fuel tap, keep naked flames and sparks away from your bike.
- do not smoke near your bike.
- refuel only outdoors in a well ventilated space
- clean up any excess fuel immediately
- keep children and pets away



Always ride within the limits of vehicle/ rider and weather conditions to avoid unnecessary accidents and injuries.



**Check-ups**

Shut the engine off when performing maintenance check-ups otherwise You could be severely injured if your hands or clothing get caught by moving parts.



Make sure the engine and exhaust are cold before performing any inspection of this machine



Riding with a chain in poor condition or improperly adjusted can lead to serious injury. Always, Inspect, Adjust and Maintain the drive chain properly before each ride.



Failure to inspect and properly maintain the brakes increases the risk of having an accident. Before each ride check the brake cables and the brakes efficiency.



Riding with worn brake pads can reduce the braking performance and cause an accident. Check and replace brake pads according to the instructions in this manual.



Using worn, improperly inflated, or incorrect tyres will reduce stability and can cause an accident.

## **DISPOSAL OF UNUSABLE PRODUCT**

Unusable product become a waste and it's desposal should be in accordance with the law and any applicable local regulations. Don't throw this product to municipal waste.

# MINIBIKE – ELITE14 – 4,2

## SERVICE MANUAL FOR USE AND MAINTENANCE AND SPARE PARTS LIST

For your own safety and the safety of others Follow these recommendations in order to use your MINIBIKE safely and correctly. Read the instructions CAREFULLY, failure to do so may place yourself and others in extreme and or ultimate DANGER. If you do not understand the instructions and Data then, you are not to attempt to operate this Minibike under any circumstances. It may be used for show purposes only!

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## **INTRODUCTION**

The Minibike Elite 14 – 4,2 is designed and built for use on a paved closed circuit track. The track should be clean and without obstacles of any kind. Qualified adults and younger persons can drive the minibike. Children can drive the minibike only under the supervision of a responsible adult person. The minibike is constructed especially for racing competitions on special racing tracks. Minibike Blata should not be used during winter season and under bad weather conditions. Usage under these conditions leads to abnormal mechanical wear and corrosion of most minibike parts - especially those directly exposed to climatic influences. Beside that, riding under these conditions increase the risk of injury or health damage.

The minibike uses a single-cylinder two-stroke, Gasoline combustion engine, and has an air filter and exhaust silencer. Transfer of power to the rear wheel is through a drive chain. The the overall drive ratio to the rear wheel can be changed by the replacement of chain sprockets. The front and rear wheel is equipped with disk brakes. The rear brake is controlled with the left lever and the front brake is controlled with the right lever on the handlebars.

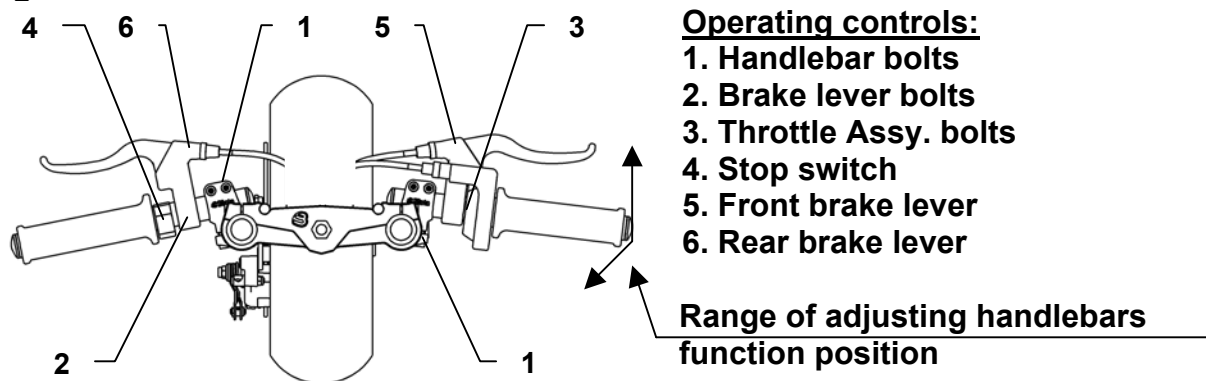
## **BASIC TECHNICAL DATA**

<b>ENGINE:</b>	<b>BLATA</b> ..... <b>TWO-STROKE</b>
	<b>NUMBER OF CYLINDERS</b> ..... <b>1</b>
	<b>CYLINDER CAPACITY</b> ..... <b>39,8 cc</b>
	<b>ENGINE COOLING SYSTEM</b> ..... <b>AIR COOLED</b>
	<b>POWER OUTPUT</b> ..... <b>3,1 kW at 10 300 rpm</b>
	<b>TORQUE</b> ..... <b>3,1 Nm at 9 000 rpm</b>
	<b>CARBURETOR</b> ..... <b>SHA 14 DELL' ORTO</b>
	<b>FUEL ADMISION</b> ..... <b>REED VALVE DIRECT TO CRANKCASE</b>
	<b>IGNITION</b> ..... <b>CONTACT - LESS</b>
	<b>SPARK PLUG</b> ..... <b>NGK B9 ES</b>
	<b>STARTING</b> ..... <b>HAND PULL TYPE, MANUAL</b>
	<b>CLUTCH</b> ..... <b>CENTRIFUGAL AUTOMATIC</b>
<b>FRAME:</b>	<b>WELDED</b> ..... <b>HIGH STRESS STEEL TUBES</b>
<b>BRAKES:</b>	<b>FRONT WHEEL</b> ..... <b>DISC BRAKES</b>
	<b>REAR WHEEL</b> ..... <b>DISC BRAKES</b>
<b>WHEELS:</b>	<b>FRONT</b> ..... <b>OF LIGHT ALLOY 2,1"x 6,5"- 90</b>
	<b>REAR</b> ..... <b>OF LIGHT ALLOY 2,3"x 6,5" – 130</b>
<b>TIRE:</b>	<b>FRONT</b> ..... <b>SIZE 90/65 - 6,5"</b>
	<b>REAR</b> ..... <b>110/50 - 6,5", 90/65 - 6,5"</b>
<b>FUEL:</b>	<b>MIXTURE OF PETROL 95÷98 OCTANE + 2T SYNTHETIC OIL</b>
	<b>MIXING RATIO (after break in period)</b> ..... <b>33 : 1</b>
	<b>TANK CAPACITY</b> ..... <b>1 Litre</b>
<b>SPEED:</b>	<b>WITH THE INSTALLED RATIO:</b> ..... <b>up to 50mph( 80km/h)</b>
<b>UNLOADED WEIGHT:</b>	..... <b>(47,3lbs.) 21,5 kg</b>
<b>CARRYING CAPACITY:</b>	..... <b>(240lbs) 110 kg</b>
<b>DIMENSIONS: L x W x H:</b>	..... <b>37,7"x20"x21,2" (960x500x540mm)</b>

## UNPACKING AND SETTING UP BEFORE RIDING

The minibike is delivered in a cardboard carton and packed with folded handlebars and brake levers. After unpacking, set up the handlebars into the position, that suits the best for driving. The maximum pulled brake lever position should not touch on the handlebar grip. After setting up, tighten the handlebar bolts 1, brake lever bolts 2, and the throttle assy. Bolts. See, Fig. 1. The level of foot rest's can be regulated by loosening the bolt M5 (914.003.01) on the handle of the foot rest (139.001.01). The foot rest can be moved to the front or back position. It is recommended to try and check the position of handlebars and foot rest's individually. While tightening the bolts and nuts, do not use an excessive force as to not damage the threads, or distort the tubes and other parts. Verify the smooth and perfect function of the Bowden cables to throttle and both brakes. Fill the fuel tank with fuel. (Gas-oil mix) Failure to use the proper oil mix ratio will result in Engine damage for which you will be responsible.

Fig. 1



## SAFETY

The minibike is unsuitable for public road use. It does not comply with valid Safety Standards. Unsafe and careless use of a minibike can result in serious injuries. The driver can minimize the potential risks by wearing the Safety Equipment. The driver must wear safety helmet, goggles, gloves, elbow pads, kneepads, and firm footwear. The minibike cannot be used on wet, icy or oily surfaces. Avoid uneven surfaces and obstacles. Drive with two hands on the handlebars.

## BEFORE STARTING

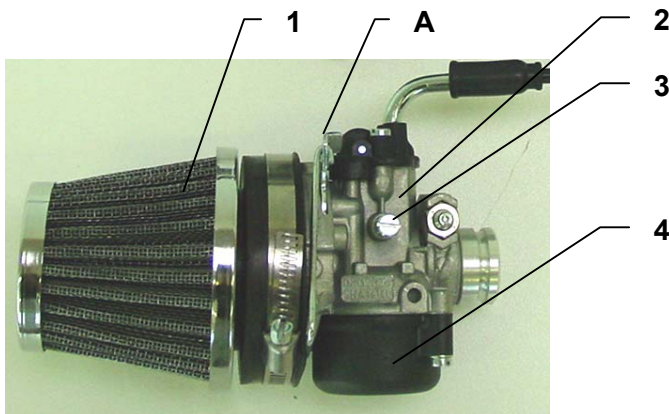
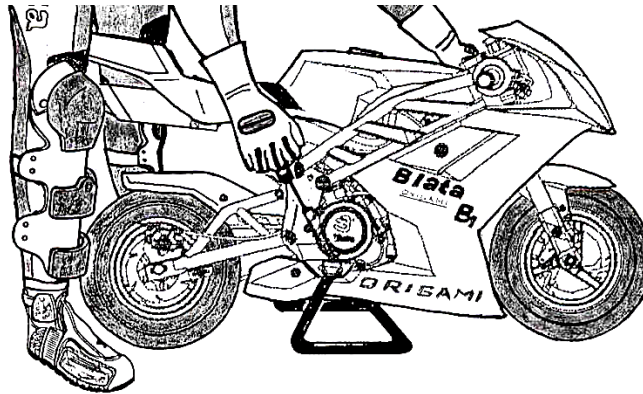
It is strongly recommended to follow all the instructions about the break-in period to promote engine reliability and long life. Break-in period of the minibike is complete after the consumption of five full fuel tanks. It is important to use fuel mixture of petrol 95 or higher Octane with 2-stroke synthetic oil in the ratio 30:1 and after break-in period a ratio of 33 :1. Mix the petrol and oil completely before putting it into the fuel tank. During the break-in period do not run the engine at maximum RPM and do not allow the engine to overheat.

Check the tire inflation – 200 kPa (2 bars) or (28 to 30psi) to be commensurate with the driver's weight. The Tyre pressure should never exceed 2,5 bars, (38psi) in either the front or rear wheel.

### STARTING THE ENGINE

Engine starting should be done only on the stand - Fig. 2. Fill the fuel tank and close it with the filler cap. Open the Gas petcock. Set the petrol supply cock. Set the choke lever into position "C", Fig. 3. Without turning the accelerating handle, pull gently twice the starting wire and by next quick pull start the engine. It is not allowed to pull the starting wire up to full winding off. The choke lever will turn back to the position "A" automatically by turning the accelerating lever after a short engine run. Let the engine run about 1 min. Leave the minibike on the stand with running engine and if necessary adjust the revolutions so the rear wheel is not turning. For adjustment use the adjustment screw No. 3 on the carburetor Fig. 3.

**Fig. 2**



**FIG. 3: CARBURETOR**

- 1. Suction chamber
- 2. Carburetor body
- 3. Adjusting screw of no-load run
- 4. Float chamber

A – Cock position for riding  
C – Cock position for cold starting

### RIDING

Remove the minibike from the stand to sit on the seat. When seated, then slowly rotate the throttle grip to start riding. Before braking, rotate the Throttle grip to the off or idle position and lightly depress the rear brake lever with left hand and then the front brake lever with right hand. Beware to not skid the wheels. The minibike engine is switched off by pushing the red button (Engine stop switch) on the handlebars. It is necessary to check the tightness of bolts and nuts, especially of the engine, and the brake settings after the first ride and often during the break in period.



## **PERIODIC MAINTENANCE**

Periodic maintenance is the best way to help the machine perform well, give longevity and provide safety and low cost operation. In addition, you will be spared from many worries from self caused problems, resulting from poor maintenance or no maintenance.

### **A - Before every ride:**

1. Check the Cables and efficiency of brakes.
2. Check the lubrication and chain tension settings. The chain free play should be (5 mm) (.200in) After every ride clean the minibike carefully and keep it clean. Do not use aggressive cleaning detergents.
3. After 1-hour of use, wash the air filter in air drying spirits and lubricate it with special oil for air filters.
4. After 1- hour of use, check the state of the clutch pads. Review the clutch adjustment.

### **B. After every 5 hours of riding:**

5. Check the tightness of all bolts and nuts. *Tighten with a properly adjusted torque wrench only ! For torque settings see tables on page 16.*
5. Wash the air filter in gas and lubricate it with special oil for an air filters to better catch the dust.
6. Clean carefully the carburetor float chamber.
7. Check the brake pads, the thickness of brake lining cannot be less than 1 mm (.039 in). Review the basic brake adjustment.
8. Check the state of the clutch pads - the thickness cannot be less than 1 mm (.039in). Review the clutch adjustment.

### **C - Every time after 10 hours of riding:**

9. Check the state of the clutch pads - the thickness cannot be less than 1 mm (.039in).

## **CHAIN SETTING AND MAINTENANCE**

To set the chain tension, loosen the Nut (920.011.01) of the axel thru the rear wheel and the nut (914.021.01) of the rear Caliper anchor plate. The required chain tension (chain free play ) is (5 mm) (.200in) and is performed by equal movement of the Axel adjustor plate (153.033.00) on the both sides of the rear wheel. When the adjustment is correct, tighten the Axel nuts and the Caliper holding nut. Tighten the adjustor plate nuts both sides an extra nip, just to set them firmly. It is important to lubricate the chain regularly, to avoid excess wear and prolong effective lifetime. The lubrication is important after every ride on a wet surface. It is recommended to lubricate the minibike with special chain spray. If chain replacement is necessary, check both chain Sprockets and if there is a need to change them do it together with the chain.

### **CENTRIFUGAL CLUTCH PARTS, REPLACEMENT**

Remove the chain guard by loosing two bolts M6 (916.020.01), Fig. 5. Loosen the chain and remove it from the sprocket. Next, loosen three bolts holding the aluminum clutch housing. Remove it together with steel clutch basket, and dismantle it. Loosen the bolt from the carrier and remove the clutch from the engine. Loosen and remove the adjustable bolts and springs. Then dismantle the safety rings from pins. When all this is done, replace with new clutch slipper shoes and springs (if required), at this time. During the reassembly process follow these steps: 1. put the plate with the springs on the slipper shoes. 2. Put the plate against the carrier and mount it on the fixed pins. Fit it with the safety rings and install the adjustable bolts.



## ADJUSTING THE BRAKES

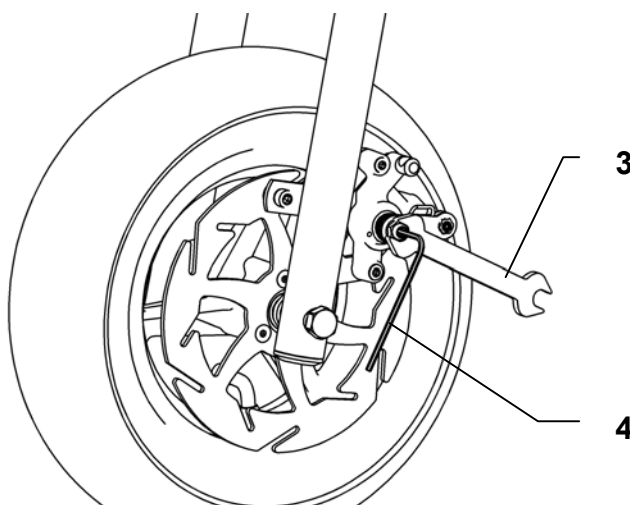
### Small incremental brake adjustment

Free play at the handlebar lever is effected by turning the knurled end on the cable adjuster. This will allow the lever to be set at the nominal to ¼ inch of free lever movement.

### Basic brake adjusting:

Screw in the knurled cable adjuster at the brake lever (512.004.00) so the cable is in it's most slack starting position.. At the caliper, loosen the nut, No. 3 and tighten the adjustable bolt No. 4, so the wheel cannot turn. Back off bolt No. 4 about ¼ to ½ of a turn and fix it with lock nut No. 3. Do not use the cable retainer No. 5 for adjusting the brakes!

Fig. 4



### FRONT BRAKE PADS REPLACEMENT - FIG. 7

First screw in the knurled cable adjuster at the right brake lever (512.004.00) on the handlebars to the starting position (slackened cabled). Loosen the nut (332.020.00) and turn the adjustable bolt (916.065.02) in the way that by pressing the front brake lever, the lever (312.017.00) will be over the bolt head M5 (312.018.00), which protects brake pads and spring of pads (312.020.00). Unbolt this bolt and replace the old brake pads with new ones. When mounting the brake pads place the brake spring against both pads, so they are pressed into the front direction. While replacing the brake pads do not loosen bolts M5 (914.001.01) on the driving pins and do not loosen the cable retainer!

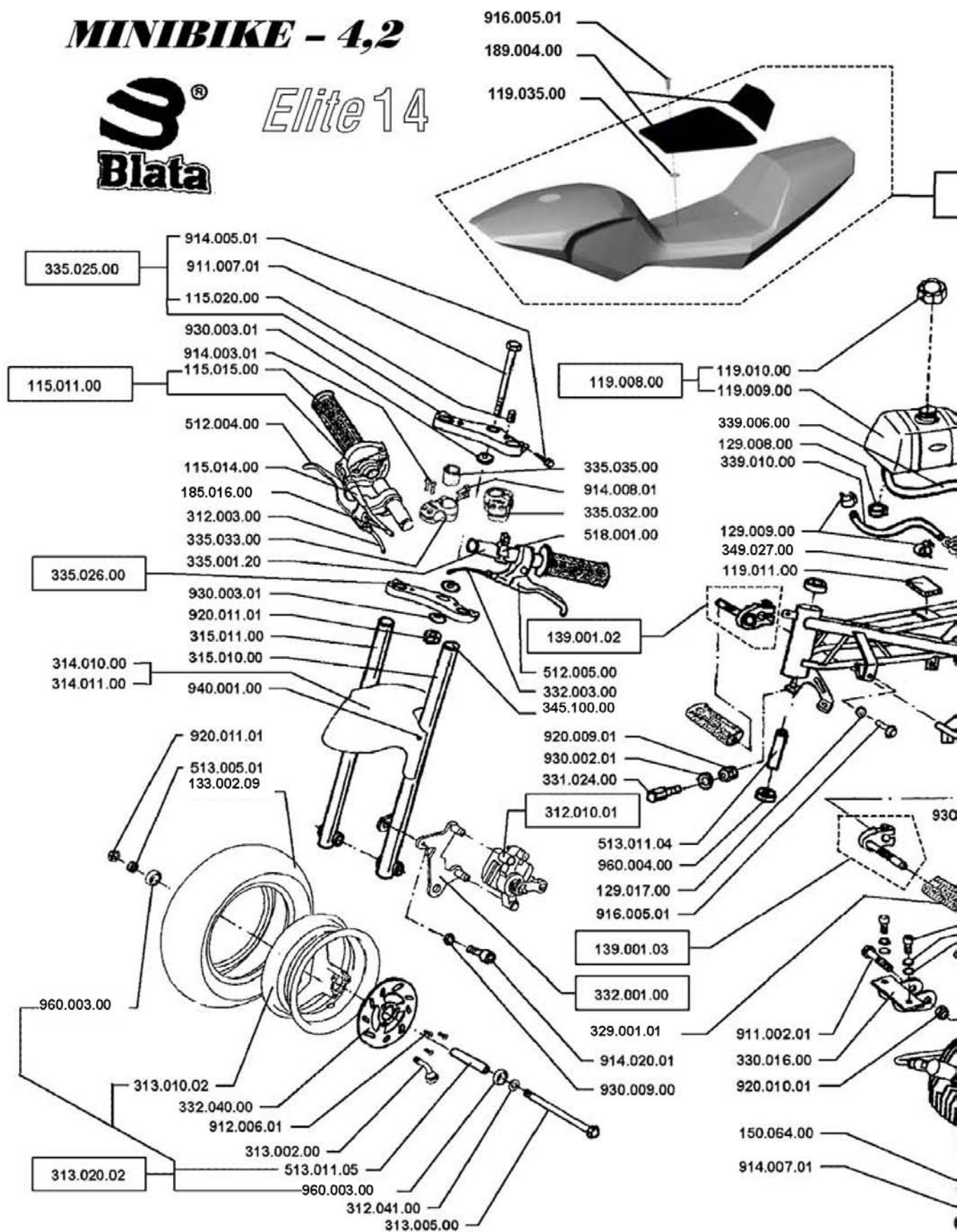
### REAR BRAKE PADS REPLACEMENT - FIG. 7

First screw in the knurled cable adjuster at the left brake lever (512.005.00) on the handlebars to the starting position (slackended cable). Loosen the nut (320.020.00) and turn the adjustable bolt (916.065.02) all the way out. Unbolt the nut M10 (920.011.01) of the back axel, push it out and dismantle the rear wheel from the Swingarm. Push out the brake from driving pins, that will loosen the brake pads and replace the old ones at this time. While replacing the brake pads do not loosen bolts M5 (914.001.01) on the driving pins and do not loosen the cable retainer! During the mounting follow all these instructions in the reverse direction and then perform basic adjusting of the brakes.

# MINIBIKE - 4,2



Elite 14



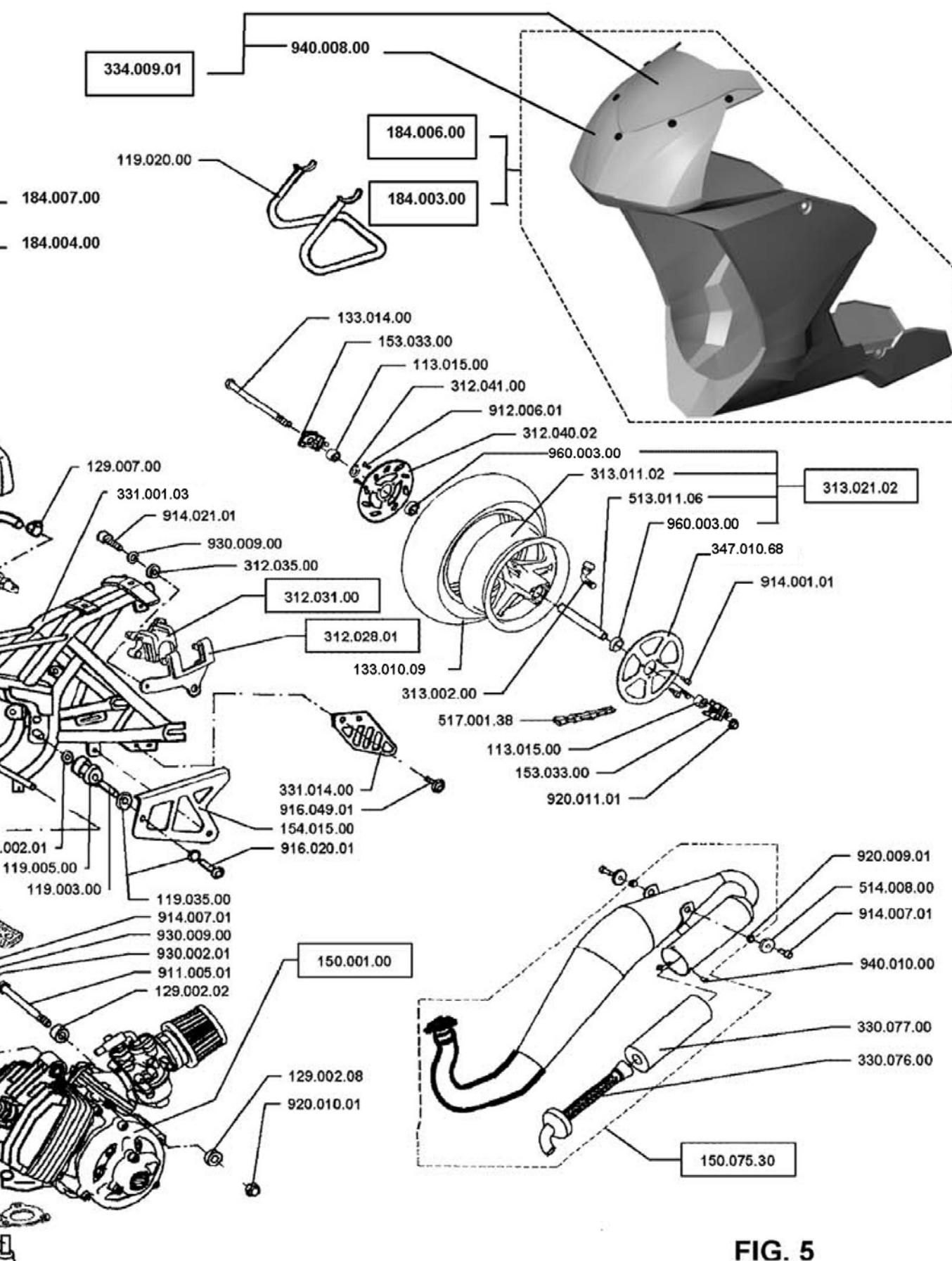


FIG. 5

**MINIBIKE ELITE 14 - 4,2**

180.000.00	MINIBIKE ELITE 14 - 4,2	330.083.00	AIR FILTER LI - 60
	<b><u>ENGINE</u></b>	330.085.00	BEARING CASE
110.080.76	JET 76	330.091.00	CYLINDER GASKET - 4 PCS
110.002.10	CARBURETOR SHA14 / 12	510.005.00	STARTER ROPE HAND HOLDER
120.041.00	STARTER ROPE		<b><u>FRAME</u></b>
120.089.00	JETS SET (68-88)	331.001.03	FRAME VARNISHED
150.001.00	ENGINE COMPLETE	331.014.00	SPROCKED GUARD
150.004.00	PISTON COMPLETE -A	331.024.00	HANDLEBAR RETAINER
150.004.01	PISTON COMPLETE -B		<b><u>BRAKES</u></b>
150.004.02	PISTON COMPLETE -C	152.006.00	FRONT BRAKE PADS 130 - PAIR
150.004.03	PISTON COMPLETE -D	312.003.00	BRAKE CABLE/SLEEVE ASSY
150.063.10	ENGINE BLOCK GASKET SET	312.010.01	BRAKE COMPLETE
150.064.00	EXHAUST SEALING	312.015.01	BRAKE CASE
150.065.00	ENGINE PROPER	312.016.00	CABLE RETAINER
150.069.00	CYLINDER-A	312.017.00	LIFTER LEVER
150.069.01	CYLINDER-B	312.018.00	MODIFIED SCREW
150.069.02	CYLINDER-C	512.060.00	SPRING -RIGHT
150.069.03	CYLINDER-D	312.020.00	BRAKE PADS SPRING
150.070.00	CYLINDER+ PISTON COMPLETE	312.021.00	SPACER L=12
150.073.00	CYLINDER HEAD COMPLETE -AIR	312.025.00	REAR BRAKE PADS -PAIR
150.075.30	EXHAUST COMPLETE	312.028.01	BRAKE HOLDER COMPLETE
150.090.10	CYLINDER SEALING SET	312.029.00	SPRING -LEFT
310.040.00	HEAD HOLDER SILENT BLOCK	312.030.00	BRAKE CASE
330.005.00	PISTON RING	312.031.00	BRAKE COMPLETE
330.008.00	WRIST PIN	312.035.00	SPACER 6.1 x 14 x 3
330.010.00	STARTER LEVER - CHOCKE	312.036.00	LIFTER - LEFT
330.011.00	CRANK SHAFT	312.037.00	LIFTER - RIGHT
330.015.00	CLUTCH SUBBASE	312.038.00	BRAKE SHAFT
330.016.00	CYLINDER HEAD HOLDER SET	312.040.02	BRAKE DISK 3 x 119
330.017.00	CLUTCH SHOE	312.041.00	SPACER 10.5 x 18 x 3
330.018.01	CLUTCH CASE	332.001.00	FRONT BRAKE HOLDER COMPLETE
330.021.00	CLUTCH SPRING 2.5 x 6.5	332.003.00	BRAKE CABLE/SLEEVE ASSY
330.022.00	SPRING PLATE	332.020.00	BRAKE NUT
330.023.00	STARTER LEVER SPRING	332.040.00	BRAKE DISK 3 x 129
330.024.00	CLUTCH BASKET	512.005.00	BRAKE LEVER - LEFT
330.025.00	DISTANCE WASHER	512.004.00	BRAKE LEVER - RIGHT
330.028.01	CLUTCH CASE	512.016.50	CABLE RETAINER
330.029.00	PINION 6 TEETH	512.019.01	WASHER
330.030.00	CLUTCH SHOES COMPL. (3 LEVERS)		<b><u>WHEELS</u></b>
330.032.00	CLUTCH COMPLETE	113.015.00	SPACER L=14.5
330.039.00	SPACER - PISTON	133.002.09	TIRE 90/65 - 6.5" Rad.
330.040.00	STARTER COMPLETE	133.010.09	TIRE 110/50 - 6.5" Rad.
330.045.00	STARTER CASE	133.014.00	WHEEL AXLE
330.046.00	GROMMET	153.033.00	CHAIN STRETCHER COMPLETE
330.047.00	STARTER SPRING	313.002.00	VALVE 90°- TUBELESS
330.049.00	STARTER RATCHET WHEEL	313.005.00	WHEEL AXLE
330.051.00	SILENT BLOCK TUBE	313.010.02	RIM/HUB ASSY 2,1"- 6,5"- 90
330.052.00	INTAKE GASKET	313.011.02	RIM/HUB ASSY 2,3"- 6,5"-130
330.053.00	INTAKE BRANCH	313.020.02	WHEEL COMPLETE W/O TIRE 2,1"- 6,5"- 90
330.055.00	FLANGE	313.021.02	WHEEL COMPLETE W/O TIRE 2,3"- 6,5"-130
330.056.00	INTAKE BRANCH COMPLETE	513.005.01	AXLE SPACER L=7
330.058.00	DIAPHRAGM COMPLETE	513.011.04	AXLE SPACER L=84.5
330.059.00	DIAPHRAGM - WHITE (PAIR)	513.011.05	AXLE SPACER L=76.3
330.066.01	ENGINE BLOCK GASKET SET	513.011.06	AXLE SPACER L=117.3
330.067.00	COIL (MAGNETO) HOLDER		<b><u>BODY</u></b>
330.068.00	SPACER	154.015.00	CHAIN GUARD
330.076.00	SILENCER	184.001.00	GLASS BODY COMPLETE NON VARNISHED
330.077.00	SILENCER MASS	184.002.00	GLASS BODY COMPLETE VARNISHED
330.078.00	CARBURETOR SEALING RING	184.003.00	FAIRING NON VARNISHED

184.004.00 SEAT-TAIL ASSEMBLY NON VARNISHED  
 184.006.00 FAIRING VARNISHED  
 184.007.00 SEAT-TAIL ASSEMBLY VARNISHED  
 314.010.00 FRONT FENDER NON VARNISHED  
 314.011.00 FRONT FENDER VARNISHED  
 334.009.01 WINDSHIELD + RIVETS  
 514.008.00 RUBBER WASHER 6,5 x 23,5 x 4

#### **STEERING**

115.011.00 THROTTLE TWIST GRIP  
 115.014.00 BOWDEN DUST GUARD  
 115.015.00 HAND-GRIPS (PAIR)  
 155.002.00 GAS CABLE/SLEEVE ASSY  
 345.100.00 CAP 22  
 115.020.00 NUT  
 315.010.00 FORK WITH BRAKE HOLDER  
 315.011.00 RIGHT FORK  
 335.001.20 HANDLEBAR COMPLETE  
 335.025.00 FORKS HOLDER ABOVE- COMPLETE (w 130)  
 335.026.00 FORKS HOLDER BELOW -COMPLETE (w 130)  
 335.032.01 HANDLEBAR HOLDER, LEFT COMPLETE  
 335.033.01 HANDLEBAR HOLDER, RIGHT COMPLETE  
 335.035.00 REDUCTION SLEEVE 28 / 22

#### **TRANSMISSION**

347.010.68 SPROCKET 68 TEETH  
 517.001.38 CHAIN 138 LINKS

#### **ELECTRIC COMPONENTS**

128.003.04 SPARK PLUG NGK B 9 ES  
 158.002.00 ROTOR COMPLETE  
 338.001.00 IGNITION COMPLETE  
 338.005.00 SPARK PLUG CAP  
 518.001.00 KILL SWITCH

#### **OTHER PARTS**

119.003.00 SPACER L=25.8  
 119.005.00 CHAIN ROLLER  
 119.008.00 GAS TANK WITH CAP  
 119.009.00 GAS TANK W/O CAP  
 119.010.00 GAS TANK CAP  
 119.011.00 RUBBER FRAME PAD  
 119.020.00 STAND  
 119.035.00 WASHER 6.4 x 18 x 1  
 129.002.02 SPACER L=12  
 129.002.08 SPACER L=19  
 339.006.00 FUEL HOSE 12/175  
 129.007.00 HOSE CLAMP 11/7 K  
 129.008.00 HOSE CLAMP 12/8 J  
 129.009.00 HOSE CLAMP 10/7 H  
 129.017.00 WASHER 6.4 x 16 x 1  
 139.001.02 ADJUSTABLE FOOT REST -RIGHT  
 139.001.03 ADJUSTABLE FOOT REST -LEFT  
 139.010.01 ADJUSTABLE FOOT RESTS -PAIR  
 189.002.00 DECAL SET ELITE14  
 189.004.00 SADDLE RUBER, COMPLETE  
 329.001.01 FOOT PEGS PLASTIC -PAIR  
 339.010.00 FUEL HOSE 10/250  
 339.012.00 HOSE CLAMP 28/8 L  
 339.012.01 HOSE CLAMP 8/7 M  
 349.027.00 FUEL COCK  
 519.023.00 WASHER 5.4 x 16 x 1  
 519.024.00 WASHER 6.4 x 18 x 1.5  
 970.005.00 SEAL 17 x 25 x 4

#### **OTHER HARDWARE**

911.002.01 SCREW M 8 x 45  
 911.005.01 SCREW M 8 x 110  
 911.007.01 SCREW M 10 x 140  
 912.006.01 SCREW M 5 x 16  
 913.003.01 SCREW M 8 x 35  
 914.001.01 SCREW M 5 x 16  
 914.003.01 SCREW M 5 x 20  
 914.005.01 SCREW M 5 x 30  
 914.007.01 SCREW M 6 x 16  
 914.008.01 SCREW M 6 x 20  
 914.010.01 SCREW M 6 x 25  
 914.011.01 SCREW M 6 x 30  
 914.020.01 SCREW M 6 x 10  
 914.021.01 SCREW M 6 x 12  
 914.026.01 SCREW M 5 x 12  
 914.035.01 SCREW M 6 x 35  
 914.510.01 SCREW M 6 x 30 FLAT HEAD  
 916.005.01 SCREW M 6 x 16  
 916.007.02 SCREW M 5 x 12 ALLEN  
 916.015.01 SCREW M 6 x 25  
 916.020.01 SCREW M 6 x 40  
 916.030.01 SCREW M 5 x 12  
 916.031.01 SCREW M 6 x 8  
 916.049.01 SCREW M 5 x 6  
 916.050.01 SCREW M 5 x 8  
 916.060.02 SCREW M 6 x 30 ALLEN  
 916.065.02 SCREW M 5 x 25 ALLEN  
 920.008.01 NUT M 5 SELF-LOCKING  
 920.009.01 NUT M 6 SELF-LOCKING  
 920.010.01 NUT M 8 SELF-LOCKING  
 920.011.01 NUT M 10 SELF-LOCKING  
 920.015.01 NUT M 6 WITH COLLAR  
 920.020.01 NUT M 8 x 1  
 920.021.01 NUT M 10 x 1  
 930.002.01 WASHER 6,4  
 930.003.01 WASHER 10,5  
 930.004.01 WASHER 8,4  
 930.009.00 SPRING WASHER 6,4  
 930.014.00 SPRING WASHER 5,4  
 930.020.01 WASHER 6,1  
 940.001.00 RIVET 4 x 8 AL  
 940.008.00 RIVET BULBEX 4.2 x 18.8 WITH CAP  
 940.006.00 CYLINDER 6 x 6  
 940.010.00 RIVET 4 x 8 STEEL  
 950.003.00 WOODRUFF KEY 3e7 x 3,8  
 950.008.00 SAFETY LOCK 35  
 950.009.00 SAFETY LOCK 17  
 950.018.00 SAFETY LOCK 10 x 1  
 950.025.00 SAFETY LOCK 6  
 950.050.00 SPRING PIN 10 x 50  
 960.003.00 BALL BEARING 6000 – 2ZR  
 960.004.00 BALL BEARING 6200 - 2 ZR  
 960.009.01 BALL BEARING 6003 - 2 ZR  
 960.012.00 BALL BEARING 626  
 960.015.01 BALL BEARING 6203 TN 9 C3  
 960.106.00 NEEDLE BEARING 10 x 14 x 12,8  
 971.050.00 O - RING 5 x 1,8  
 971.071.00 O - RING 27 x 3  
 971.080.00 O - RING 41 x 1,78

# MOTOR KOMPLET 150.001.00

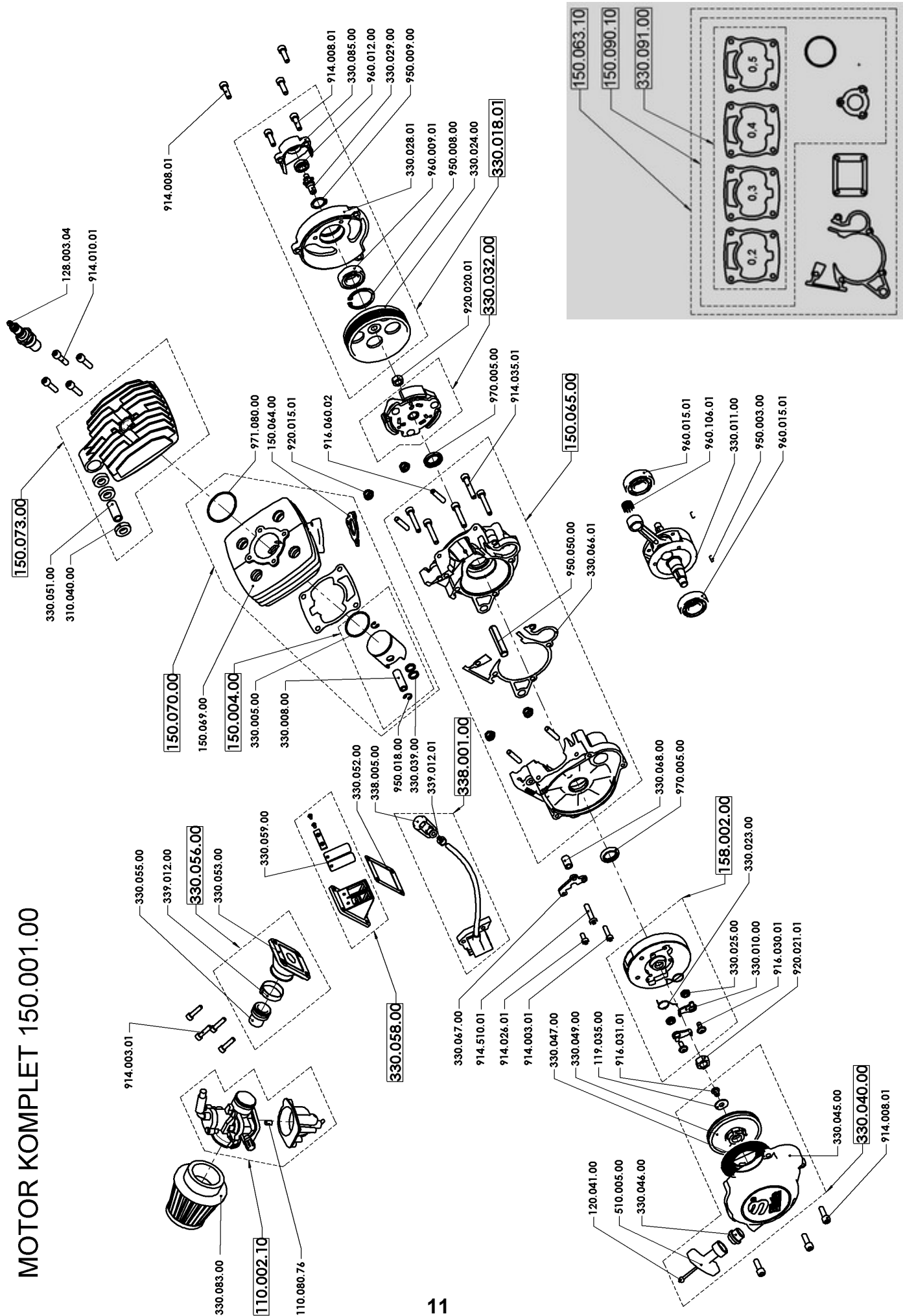




FIG. 6

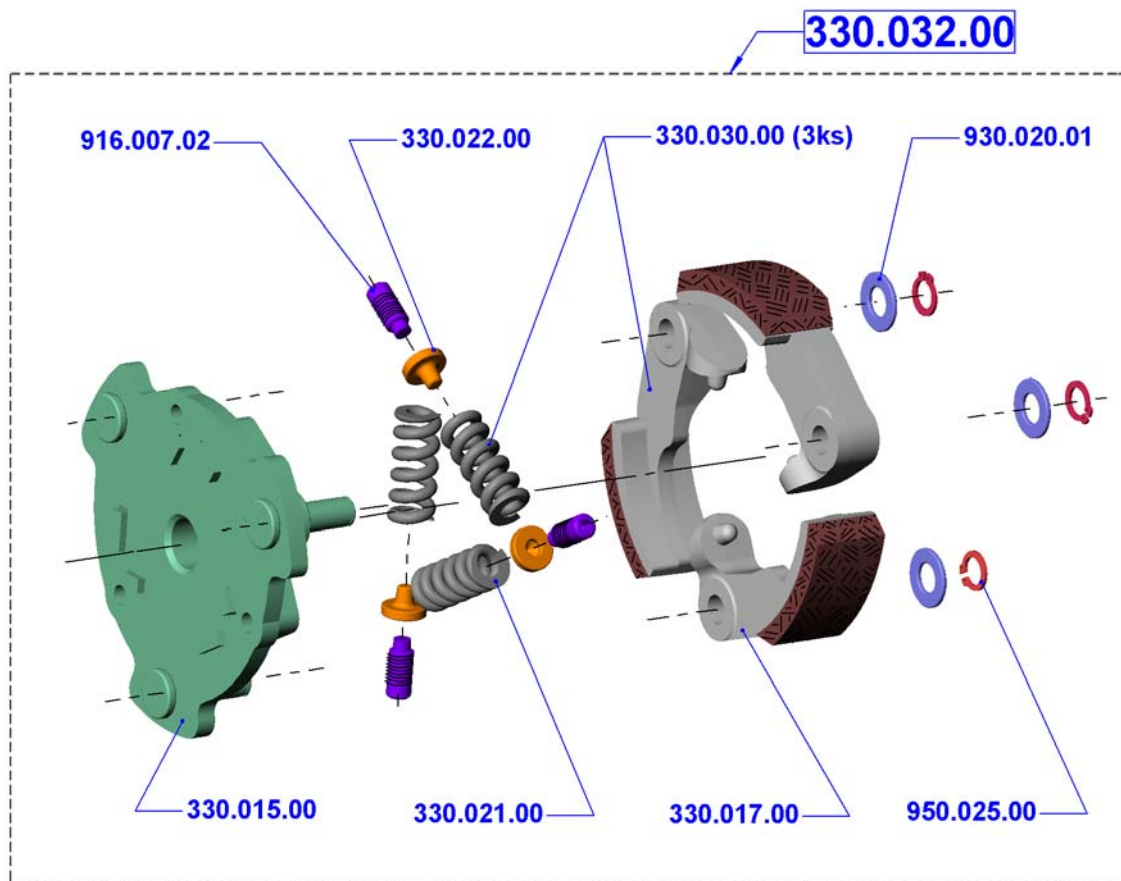
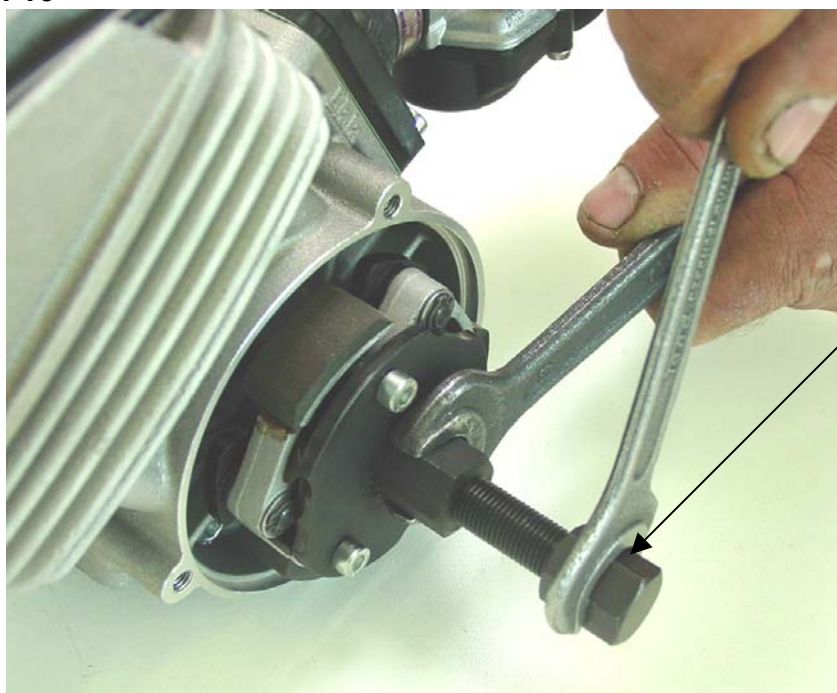


FIG. 16

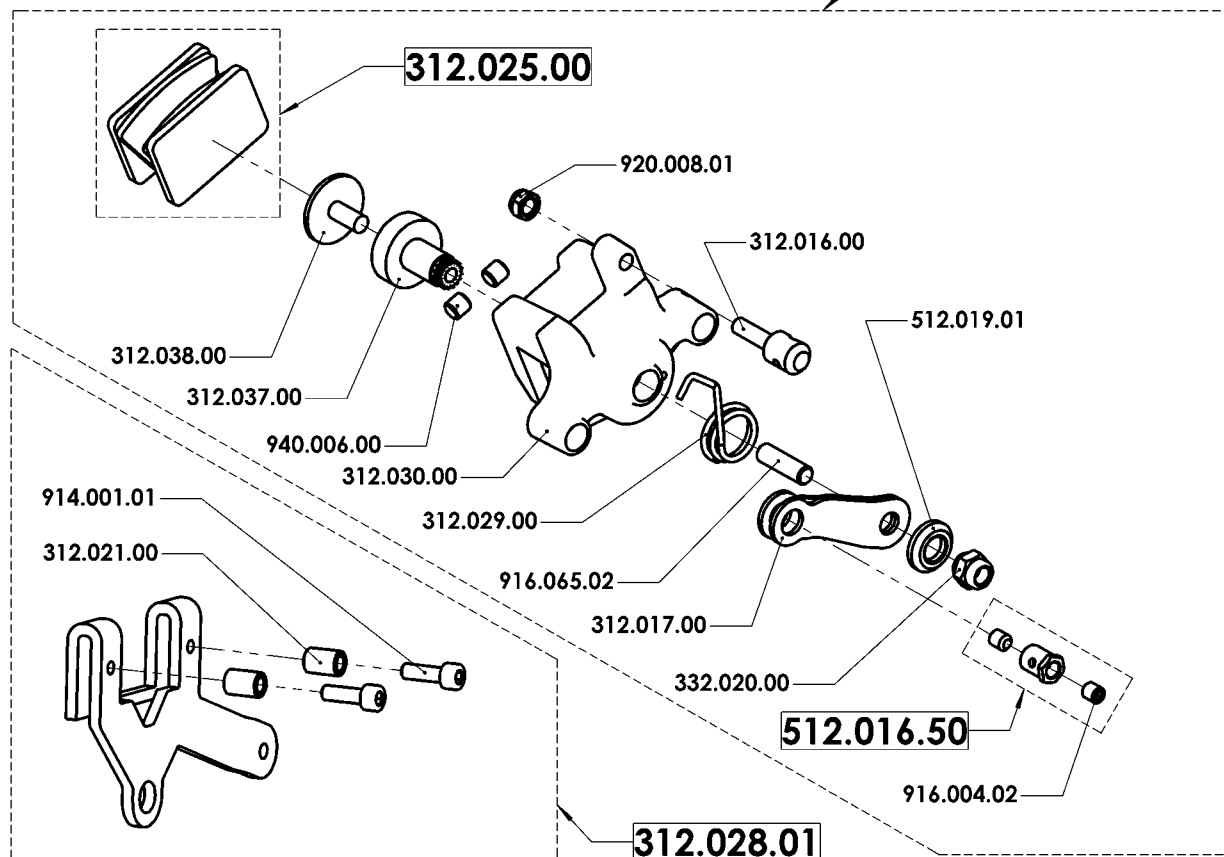
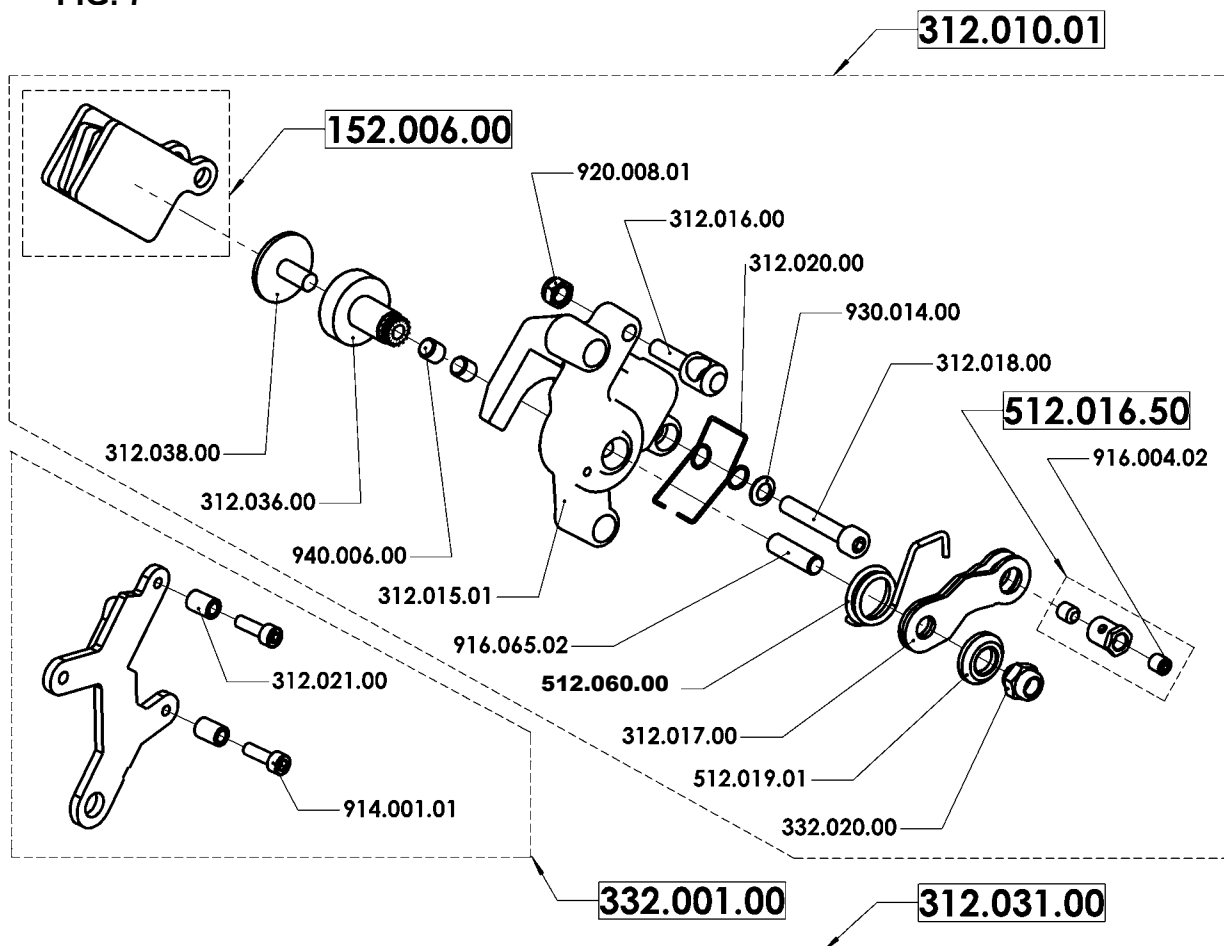


MP - 1

159.019.00



FIG. 7



### **REMOVE AND REPLACE THE FRONT WHEEL - FIG. 5**

Before dismantling the front wheel it is necessary to remove the front brake pads from the front brake, so it is possible to move the brake caliper from the wheel and be able to draw out the wheel and tire. Remove the front axel nut M10 (920.011.01) .Draw out the axel from the fork and wheel. Remove the wheel by an easy pull downwards from the forks. Caution, while removing the wheel the left side spacer washer will fall out! During the assembly process put the spacer washer between the brake rotor and brake caliper mount plate and the right side distance spacer between the wheel and right fork (315.011.00). Return the brake pads with the spring and tighten up the axel nut. Perform the basic brake adjusting. Double check your work. This is important!

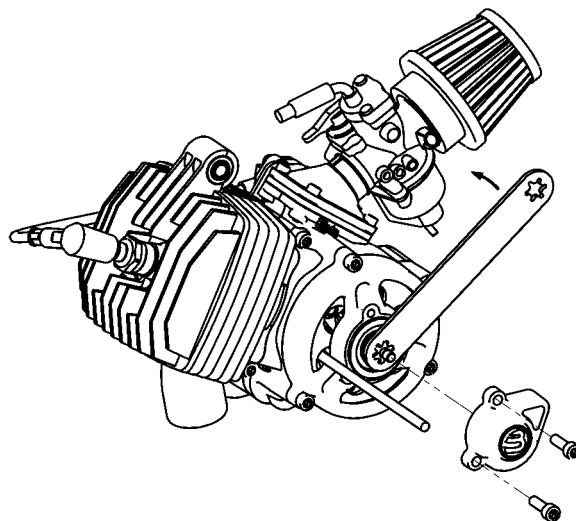
### **REMOVE AND REPLACE THE REAR WHEEL - FIG. 5**

Remove the rear wheel axel nut. Loosen the nut on the rear caliper anchor plate. Remove the two wheel adjustor plate nuts. (M6) Move the wheel forward and remove the chain. Safely (hold) keep the rear wheel from falling out while pulling out the axel. Caution, note the location of both spacer tubes and one spacer washer (between caliper mount plate and rotor) while removing wheel. When refitting the wheel, make sure to slide the brake rotor into the caliper between the pads. Hold the wheel in place and fit the wheel spacers in proper order. Insert the spacer washer between the caliper plate and the brake rotor and on the both sides place the axel spacers at the appropriate time during assembly. Adjust chain tension and tighten axel nut. Tighten the caliper holder plate nut and set and tighten both chain adjustor plate M6 nuts. At this time check the brake operation. Recheck all your work. This is important!

### **REPLACEMENT OF PINION - FIG. 9**

First dismantle the front chain guard and chain guard. Loosen the nut of rear wheel axle and the nut of chain tightener, remove chain. Insert carefully a larger screw drive or steel rod into the hole of clutch drum, Fig. 9, to avoid a turning over the clutch drum at releasing the pinion. Using the pinion wrench P/ N 319.050.00, release the new pinion to be carried out by reverse way.

**FIG. 9**



### **REPLACEMENT OF TIRE – FIG. 5**

Remove the wheel from the minibike. For the front wheel unbolt the brake disk and for the rear wheel, the brake disk and sprocket. Deflate the tire, by removing the valve stem. Place the wheel on a hard surface and press the tire bead from the wheel rim in to the middle relief at centre of rim. Tire is ready to be removed from the rim at this time and is done in the conventional manner. After fitting new Tire and Tube (if necessary) to the rim, you can inflate 28 to 30 psi. Take care to check that the tire bead is fully seated in the rim bead edge. You can now refit the wheel to the bike in reverse order to removing it. Use Caution and recheck your work always.

### **DISMANTLING AND MOUNTING OF AIR FILTER - FIG. 3**

Remove the bolt from the sleeve, which connects the rubber holder of the air filter to the carburetor. When the air filter is loosened, take it out and very carefully wash it in air drying solvent, lubricate it when dry and spray with air filter oil and reassemble, following the steps in the reverse order.

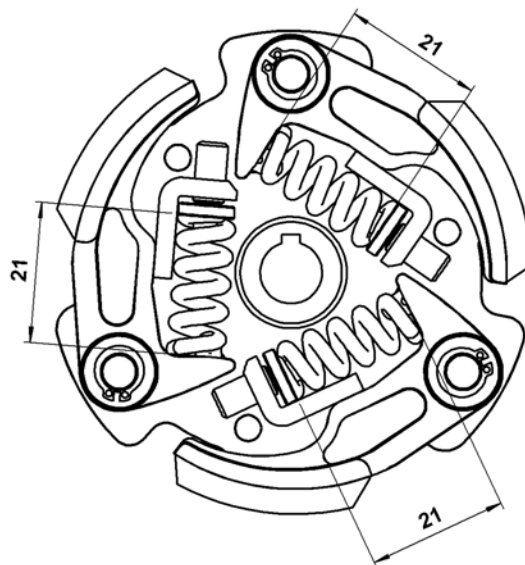
### **CLUTCH ADJUSTMENT – FIG. 8**

After first hour of use, check the state of the clutch pads. Review the clutch adjustment – engaged with 8 000 – 8 500 rpm.

#### **Basic adjusting:**

After every clutch slipper shoe replacement it is necessary to adjust the clutch springs. To increase the revolutions, and feel the clutch working, tighten up the adjusting bolts and to engage shoes at lower revolutions, loosen the bolt. It is important to adjust all the springs to the same level, so the clutch lining wearing is even. The index for adjusting is the length of the spring, which should be 21,00 mm. The length is measured from the bearing surface of the clutch shoe to the spring plate.

**FIG. 8**



**TORQUE SETTINGS**  
(1 FT-LB = 1.3558 Nm)

<b><u>PART NAME</u></b>	<b><u>QTY</u></b>	<b><u>TORQUE SETTING (FT-LB)</u></b>	<b><u>SECURED BY</u></b>
<b>ENGINE</b>			
Cylinder head, liquid cooled – M6	6	14	
Cylinder – nuts M6	4	13	
Intake manifold – M5	4	7	
Starter cover – M6	3	15	
Ratchet wheel –bolt M6	1	13	Loctite 243
Magneto (rotor) – nut M10	1	34	
Starter prows – bolts M5	2	7.5	Loctite 243
Ignition coil – bolts	2	7.5	
Ignition coil holder – bolt M6	1	11	
Crankcase halves – M6	5	21	
Clutch base – nut M8	1	30	Loctite 243
Clutch case – bolts M6	3	14	
Pinion bearing case – bolts M6	2	14	
Reeds - bolts M3	4	1	Loctite 243
Float chamber – bolts M4	2	3	
Slider cover (carburetor) – bolts M4	2	3	
Fuel filter cap – bolt M5	1	3.5	
Pinion - M8	1	30	Loctite 243
<b>FRAME</b>			
Front wheel axle - nut M10	1	47.5	Self - locking
Front brake rotor – M5	3	20.5	
Front brake bracket – M6	2	17	Loctite 243
Brake mount –M5	2	13	Loctite 243
Steering shaft – M10	1	27	Self - locking
Handlebar clip-on –M8	2	25	
Fork brackets – M5	4	12	
Steering stem – M6	2	24.5	
Engine bracket, top –M6	2	20.5	
Engine bracket, head – M8	1	25	Self - locking
Engine bracket, bottom – M8	1	30	Self - locking
Rear wheel axle – nut M10	1	47.5	Self - locking
Rear brake rotor – M5	3	20.5	
Sprocket – M5	3	20.5	
Foot rests – M8	2	27	Self - locking
Chain guard –M6	1	21	
Sprocket guard – M5	1	14	
Rear brake holder –M5	2	13	Loctite 243
Expansion chamber – M6	2	7	Self - locking
Fairing, seat and rear fender – M6	9	8	
Rear caliper anchor plate –M6	1	17	
Handlebar clips – M6	2	11	
Brake levers clips – M5	2	5	
Throttle clip (handlebar) – M5	2	7	
Throttle plastic cover – M4	2	3	

## **NON USE AND STORAGE PROCEDURE**

It is recommended to drain out all fuel from the tank and carburetor. Inflate the tires to the working pressure and put the minibike on the stand. During a \*long storage period, unbolt the spark plug and insert a couple of drops of the motor oil into the cylinder. Pull the starting rope a couple of times so a film of oil covers and evenly coats the cylinder walls and piston rings.

\* Long period is 90 days and longer.

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The producer of the MINIBIKE is BLATA Company.

Manufacturing Number CZ .....

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This manual served also as a GUARANTEE LIST. Please, after receiving the product check the manufacturing number and the date of sale. In the case of a claim it is necessary to submit this guarantee list.

Rights of a purchaser governed by special legislation relating to the purchase of goods are not violated by granting the warranty.

Date, stamp and signature of the dealer: